

What is claimed is:

1. A program executing method to execute a program written in an interpreter language, comprising the steps of:

extracting reference data used for specifying a location to be accessed in a memory, and resolving a reference using said reference data;

storing result data of said resolved reference linking to said program through said reference data, said two steps being executed before said program is executed; and

specifying a location in said memory to be accessed based on said result data of said resolved reference linking to said program through said reference data, when said program is executed which requires to access said memory referring predetermined data.

2. An information processing device provided with a program written in an interpreter language, comprising:

a storing means to store result data of a resolved reference linking to said program through a reference data to specify a location in a memory to be accessed;

a program executing means to execute said program, which specifies said location in said memory to be accessed based on said result data of said resolved reference linking to said program through said reference data, when said program is executed which requires access to said memory referring predetermined data.

3. An information processing device according to claim 2, wherein said program comprises an object program in byte code and data which represent the content of reference data linked to said program, and said program executing means stores said result data of said resolved reference in a link information provided for linking to said object program.

4. An information processing device according to claim 3, wherein said link information provided for linking to said object program contains code data of a number of fixed lengths, and said result data of said resolved reference is stored in a predetermined location in a head code data.

5. An information processing device according to claim 4, wherein said object program and said link information are read out of a ROM at the time of executing said program.

FOR THE ATTORNEY